

STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF FORESTRY

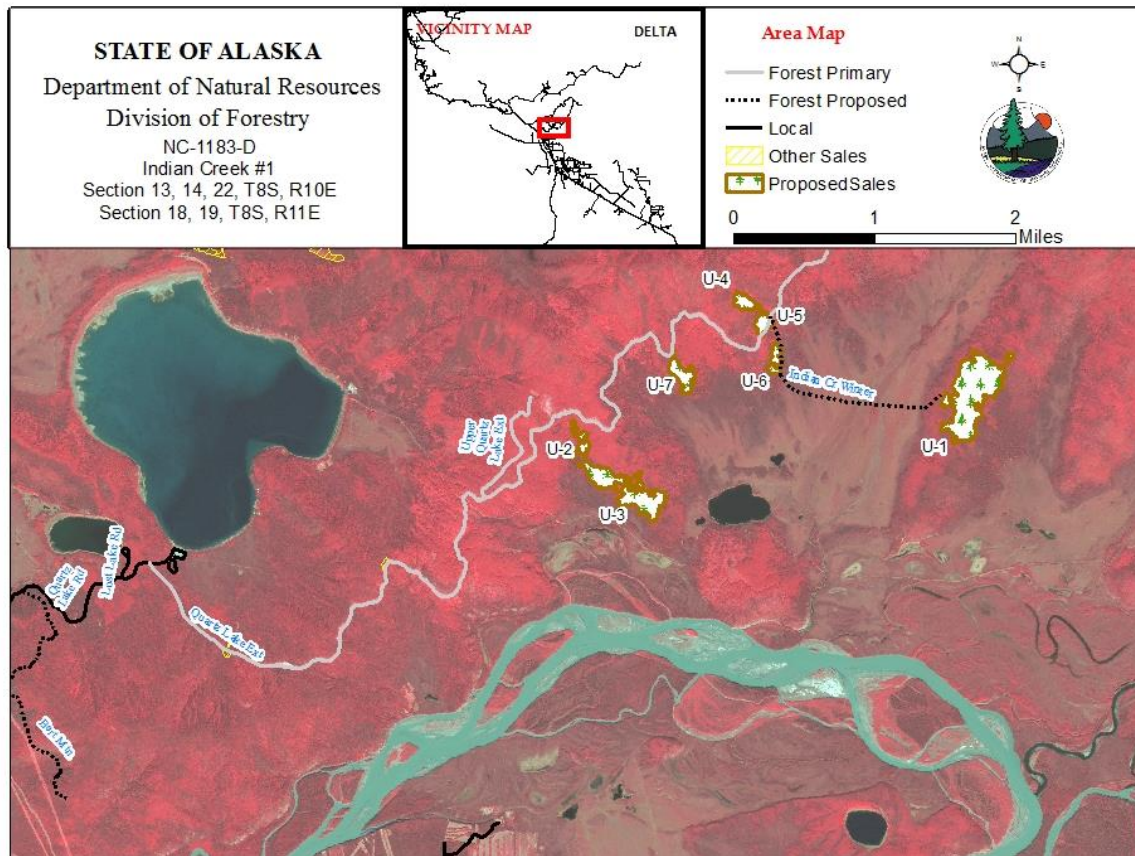
TIMBER SALE PROSPECTUS
FALL 2015



NC-1183-D Indian Creek #1	2
NC-1395-D Cliff Hanger	4
NC-1514-D Bert Mountain #1	7
NC-1530-D Gilles Cr Fire Salvage 9	9
NC-1532-D 15 Mile Firewood Resale	11
NC-1534-D Pinwell Birch Resale	13

NC-1183-D INDIAN CREEK #1

NC-1183-D, Indian Creek #1: a 200 acre spruce saw log sale of seven units located 12 miles north of Delta Jct and at 5-8 mile Quartz Lake extension road. There is one unit that will require .5 mile of all season spur and 1 mile of winter road to be constructed. The sale is designated on the ground within: Sections 13, 14, 22, and 23, Township 8 South Range 10 East, Fairbanks Meridian, Alaska, and Sections 18 and 19, Township 8 South Range 11 East, Fairbanks Meridian, Alaska



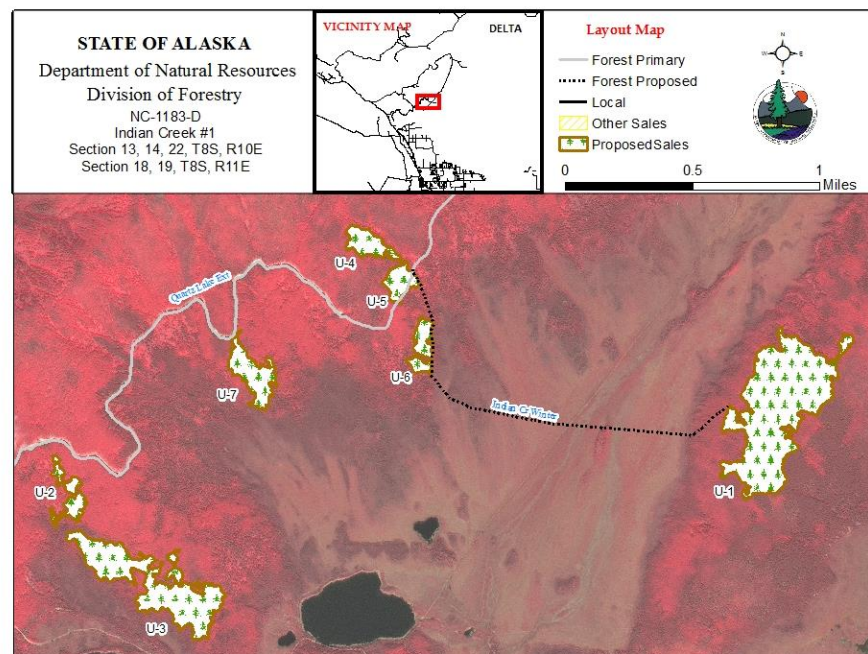
SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Spruce Saw	4814 CCF	\$28.10/CCF	\$135,273.40	May 31, 2018

NC-1183-D consists of approximately 200 acres of white spruce sawtimber from state lands within the Indian Creek drainage located about 2 miles east of Quartz Lake. The sale has an estimated volume of 1,973,891 board feet or 481,437 cubic feet of white spruce sawtimber within the seven units shown on the attached map. There are seven units ranging in size from 8.0 acres to 97.7 acres with a total of 200 acres that have been marked on the ground. The boundaries are located along naturally occurring vegetative type changes. Mature spruce trees have been left around the sale periphery of each unit to serve as future seed tree sources. The sale units are designed to harvest all the spruce larger than 9 inches DBH. All other trees are to be protected within these seven units. Bonding for the sale is **\$14,000.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge plus a project bond of **\$1,400.00** to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge.

NC-1183-D Percent Defect = 10 % Standard Error of Cruise = 3.99 %			Spruce Sawlog	BAF = 20
Average DBH in inches of these trees = 12.28				
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume
9	1,797.13	8.83	194.29	3.63
10	2,911.35	11.93	425.29	7.95
11	3,516.57	16.09	692.93	12.95
12	3,810.26	19.63	915.92	17.12
13	2,385.27	25.54	746.01	13.95
14	1,199.73	29.99	440.69	8.24
15	1,094.87	35.32	473.6	8.85
16	962.29	42.89	505.44	9.45
17	542.44	50.82	337.61	6.31
18	311.04	57.78	220.12	4.11
19	186.11	64.21	146.36	2.74
20	83.98	72.23	74.29	1.39
21	50.78	82.21	51.13	0.96
22	69.41	89.88	76.4	1.43
23	21.17	77.54	20.1	0.38
25	17.92	132.67	29.11	0.54
Totals	18,960.32	51.10	5349.29	100

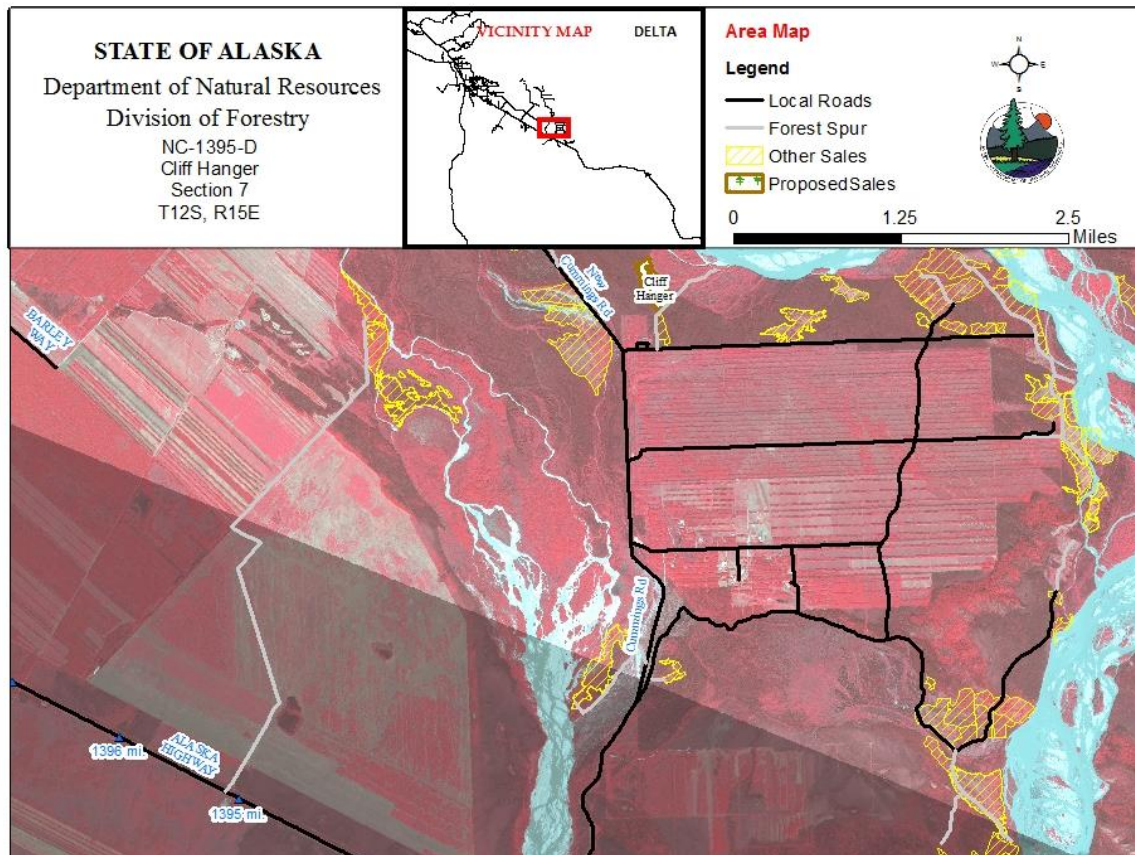
ave vol/tree Table

Table indicates gross volume (not net volume).



NC-1395-D CLIFF HANGER

NC-1395-D, *Cliff Hanger*: a 28 acre spruce sale of one unit located approximately 28 miles southeast of Delta Jct. The sale is accessed from 5 mile Cummings Road at mile 1392 off the Alaska Highway. This sale is all-season access on a preexisting logging road. The sale is designated on the ground within: Section 7, Township 12 South, Range 15 East, Fairbanks Meridian, Alaska.



SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Spruce Sawlog	668 CCF	\$22.84/CCF	\$15,257.12	May 31, 2018
Spruce Fuelwood	110 Cords	\$20.00/Cord	<u>\$ 2,200.00</u>	May 31, 2018
TOTAL			\$17,457.12	

NC-1395-D: The stand consists of fully mature white spruce with pockets of pole spruce. Due to its location in the floodplain, there will be the requirement of blade scarification upon completion of harvest. Bonding for the sale is **\$1,800.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge, plus a project bond of **\$500.00** to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge.

NC-1395-D Percent Defect = 10 % Standard Error of Cruise = 5.43 % Average DBH in inches of these trees = 11.4			Spruce Sawlog	BAF = 20
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume
9	733.22	8.65	63.05	8.5
10	943.26	12.55	117.66	15.86
11	606.32	17.15	103.36	13.93
12	509.48	20.33	102.96	13.88
13	578.82	25.91	149.05	20.09
14	267.36	29.71	78.97	10.64
15	139.74	34.98	48.59	6.55
16	109.17	41.96	45.54	6.14
17	60.44	44.22	26.57	3.58
18	10.78	57.78	6.19	0.83
Totals	3958.59	29.32	741.94	100

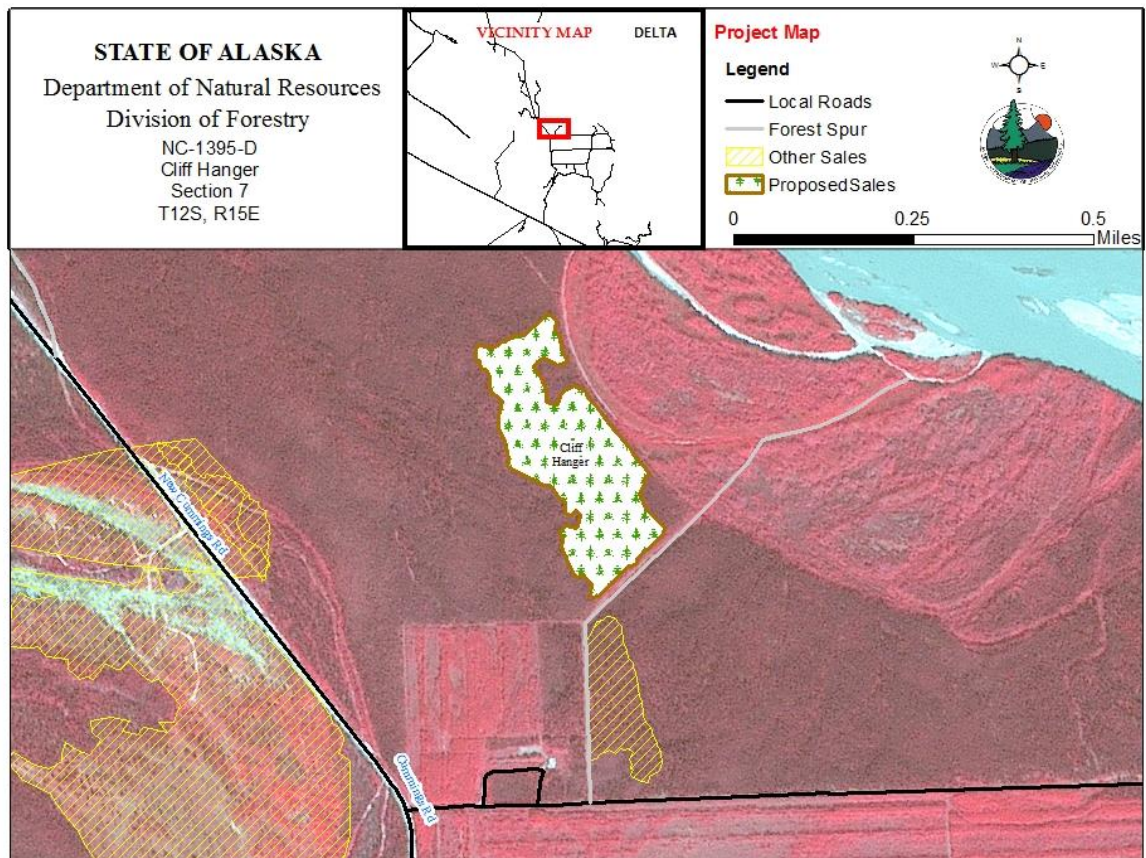
ave vol/tree Table

Table indicates gross volume (not net volume).

NC-1395-D Percent Defect = 10 % Standard Error of Cruise = 17.32 % Average DBH in inches of these trees = 6.96			Spruce Fuelwood	BAF = 20
DBH	Approximate Total Number of Trees	Approximate Volume Per Tree (CF)	Adjusted Gross Volume (CCF)	Percent of Total Sale Volume
6	1,164.52	1.27	15.93	13.01
7	855.57	3.97	36.71	29.99
8	1,037.15	6.23	69.78	57
Totals	3,057.24	3.82	122.42	100

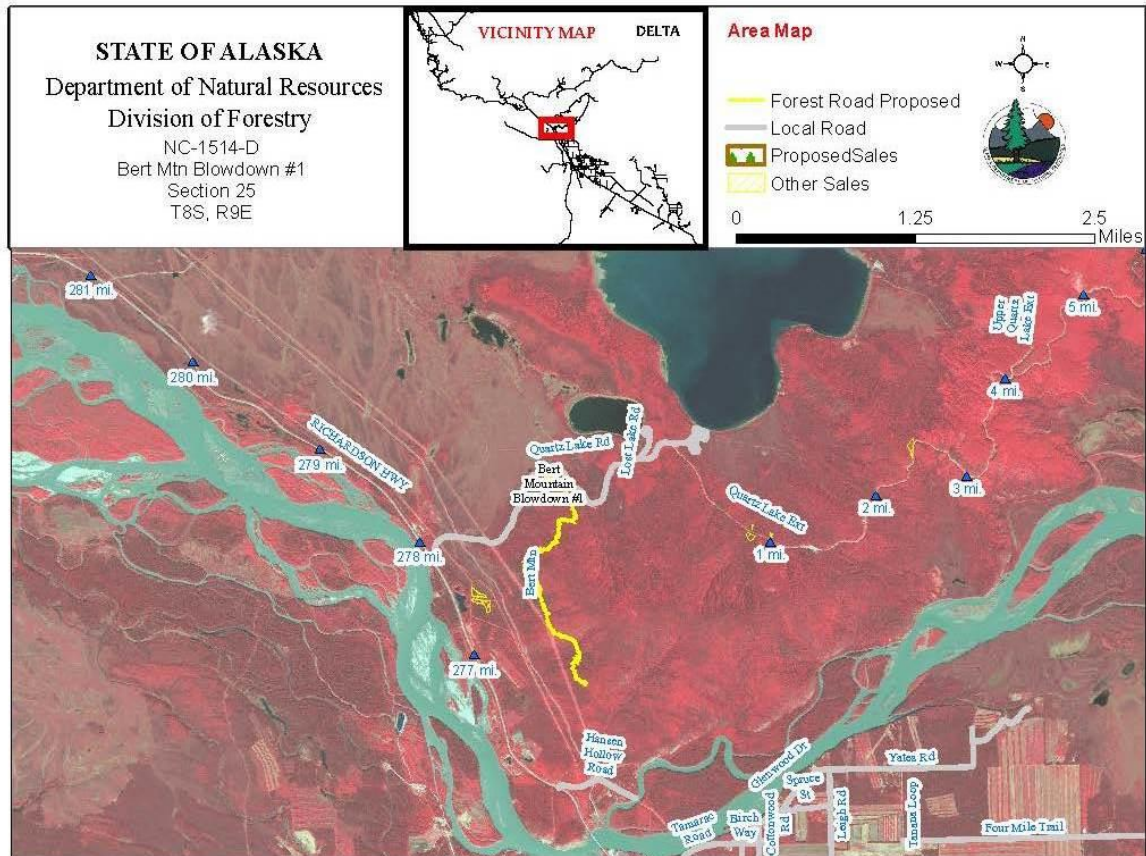
ave vol/tree Table

Table indicates gross volume (not net volume).



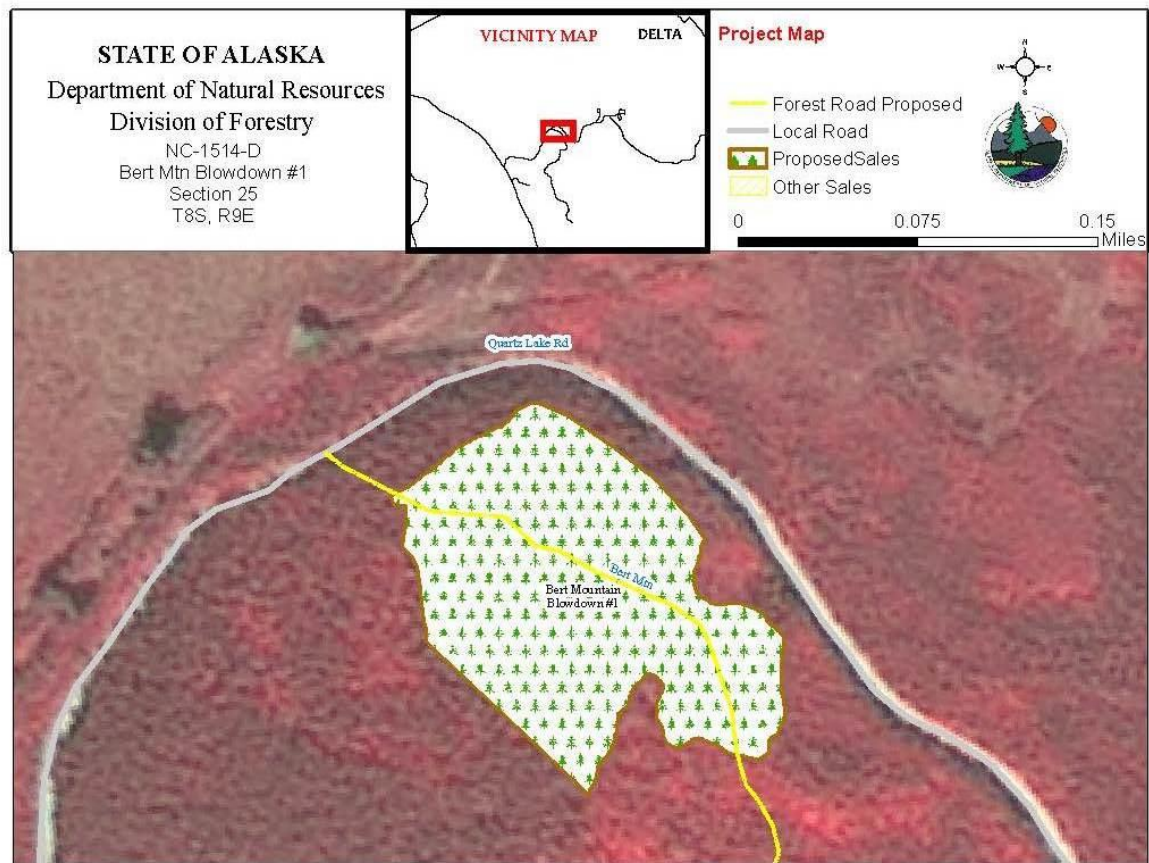
NC-1514-D BERT MOUNTAIN #1

NC-1514-D, Bert Mountain Blowdown #1: a 7.5 acre spruce sale of one unit located approximately 12 miles north of Delta Jct. The sale is accessed via the Quartz Lake Rd. which is off of the Richardson Highway, at approximately 1.1 mile Quartz Lake Rd. Approximately .15 miles of winter road will need to be constructed. This will include construction of a snow/ice driveway entrance to D.O.T. standards. The sale will be winter access only when there is sufficient snow coverage. The sale is designated on the ground within: Section 25, Township 8 South, Range 9 East, Fairbanks Meridian, Alaska.



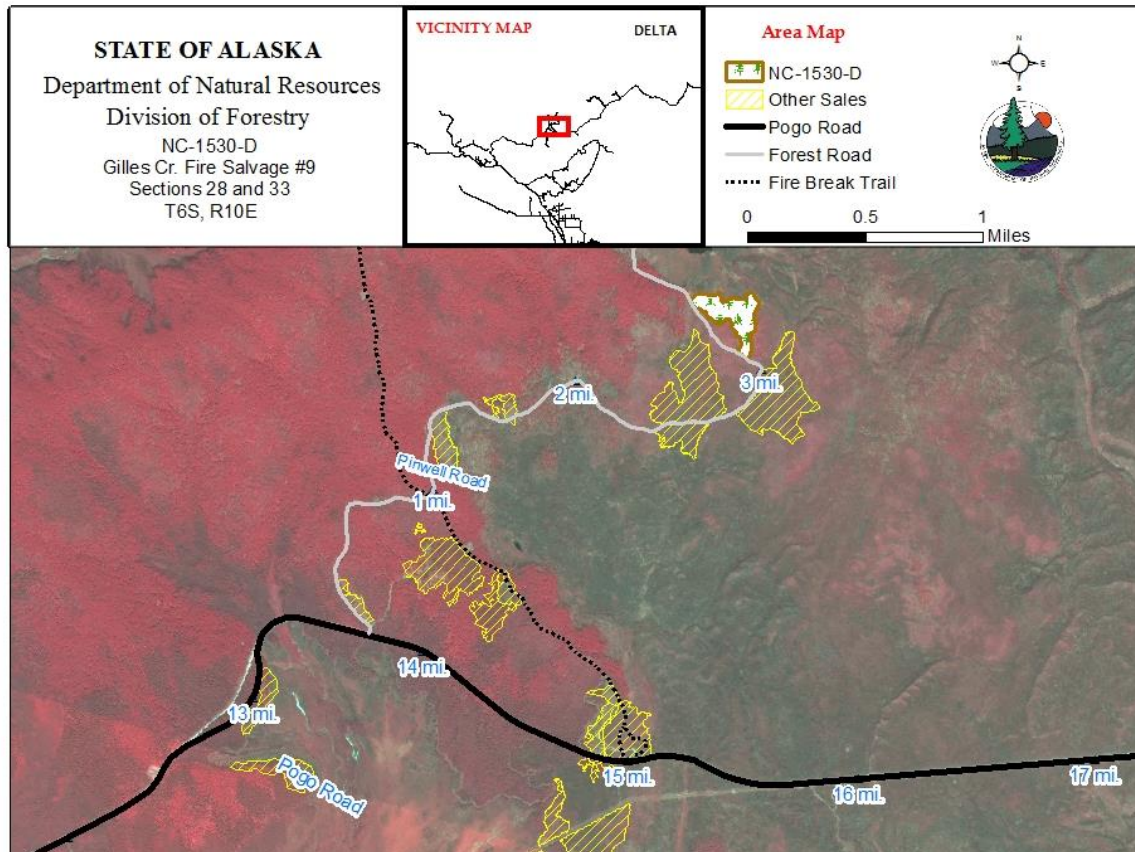
SPECIES & PRODUCT	NET VOLUME	PRICE	PRICE	DATE
Spruce Fuelwood	112 Cords	\$20.00	\$2,240.00	May 31, 2018

NC-1514-D Access to the sale area is by Quartz Lake Road. The unit lies directly south of Quartz Lake Road at 1.2 mile. The sale is on moderately sloping ground of 5-35% slope. The sale consists of blown down, dead, and damaged white spruce sawtimber averaging 12 inch DBH. The volume for this sale has been estimated and is based on past salvage timber sales sold in the Delta area. This sale requires building a snow/ice driveway approach to DOT standards off of Quartz Lake Road, and .15 miles of winter spur road. These will be built and approval by the forester-in-charge. The driveway and road specifications will be listed in the contract. Bonding for the sale is **\$1,000.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge.



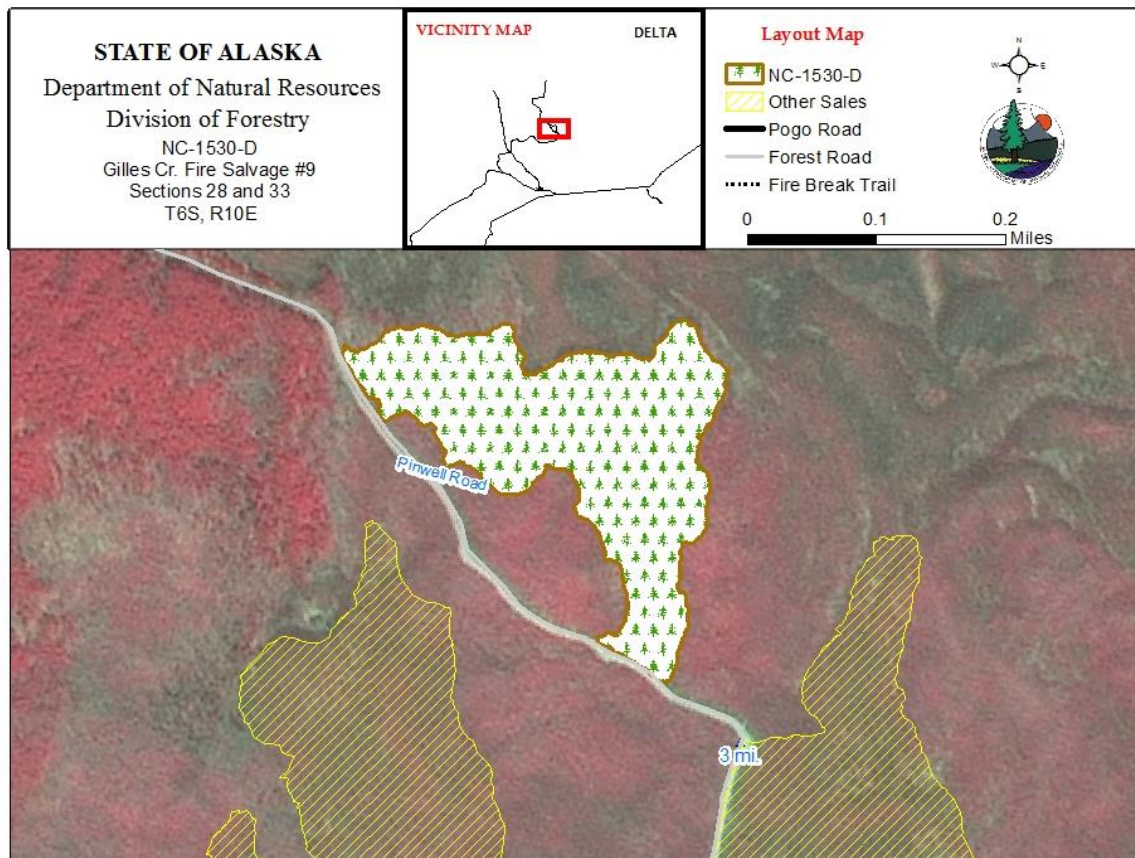
NC-1530-D GILLES CR FIRE SALVAGE 9

NC-1530-D, Gilles Cr Fire Salvage 9: a 23 acre sale of burned timber that contains one unit; is located approximately 21 miles northwest of Delta Junction and north of mile 13.5 of the Pogo Road at 3.5 mile Pinwell Lake Road. The sale is designated on the ground within Sections 28 and 33, Township 6 South Range 10 East, Fairbanks Meridian, Alaska.



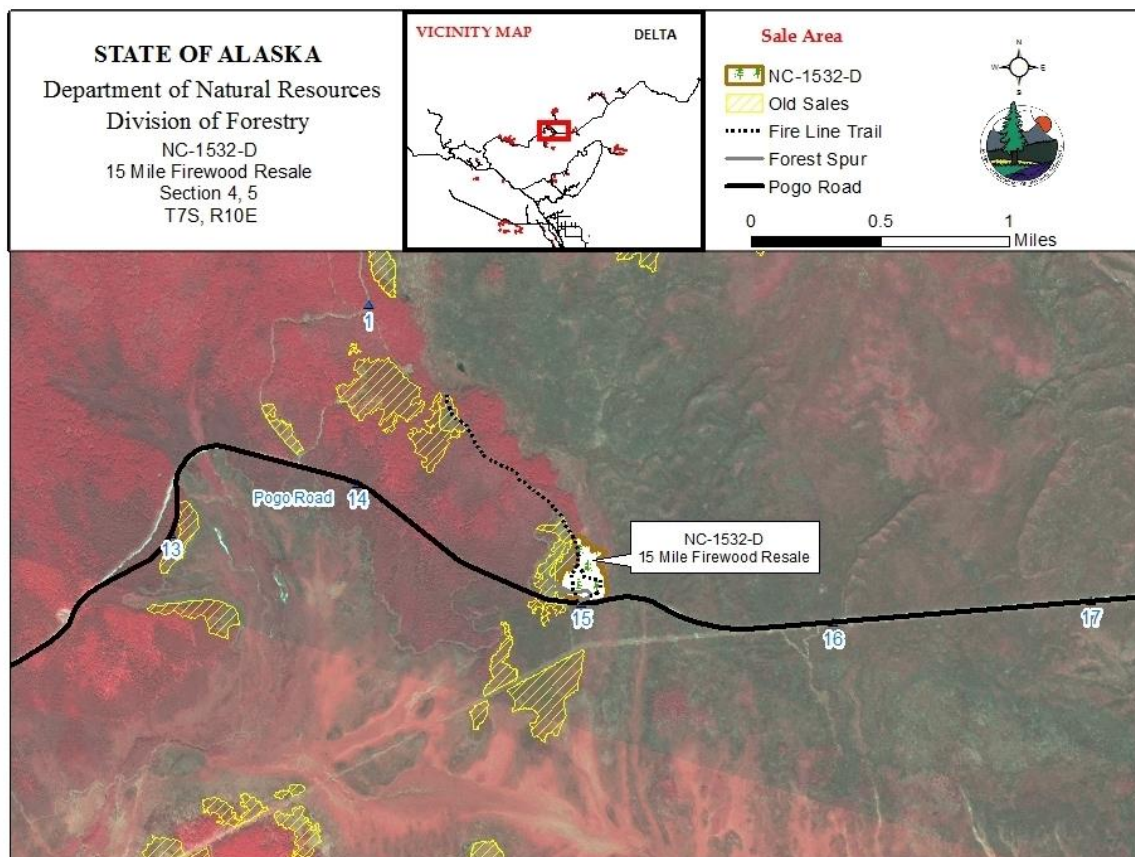
SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Spruce Fuelwood	155 Cords	\$20.00/Cord	\$3,100.00	May 31, 2018

NC-1530-D Access to the sale area is by an existing secondary all season road. The unit lies along the Pinwell Lake Road roughly 3.5 miles from its junction with the Pogo Road. It is just up the road and on the other side of the road from NC-1516-D and just north of NC-1517-D on the same side. The sale is on moderately sloping ground of 5-35% slope. Tree size is mostly poletimber and small sawtimber. The volume for this sale has been estimated and is based on past salvage timber sales sold along the Pinwell Lake Road. The Pinwell Lake Road contains active timber sales and water bars have been installed on the road. The Purchaser will be required to reinstall these bars upon completion of seasonal activities. Bonding for the sale is **\$1,000.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge.



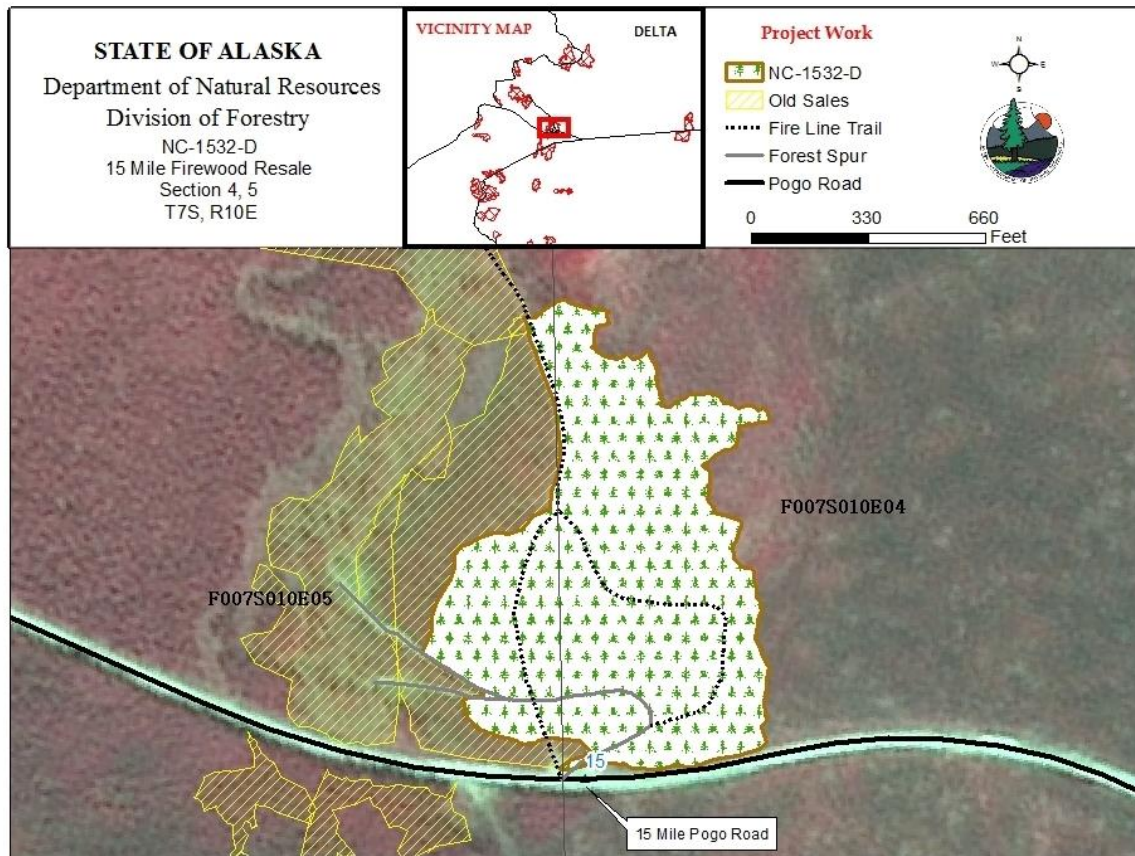
NC-1532-D 15 MILE FIREWOOD RESALE

NC-1532-D 15, Mile Firewood Resale: a 18 acre sale of burned timber that contains one unit; is located approximately 20 miles northwest of Delta Junction and at mile 15 on the north side of the Pogo Road. The sale is designated on the ground within Sections 4 and 5, Township 7 South Range 10 East, Fairbanks Meridian, Alaska.



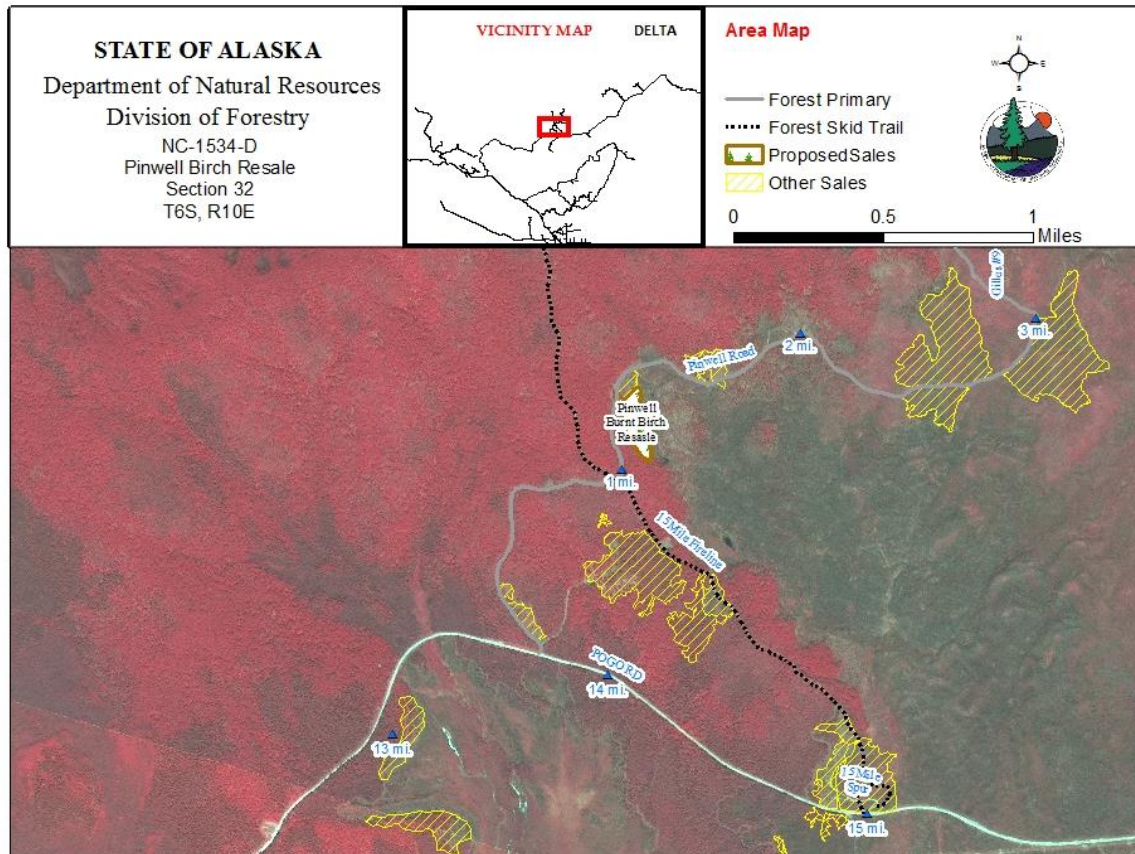
SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Spruce Fuelwood	202 Cords	\$20.00/Cord	\$4040.00	May 31, 2018

NC-1532-D Access to the sale area is by Pogo road. The unit lies directly north of Pogo Road and is accessed by a gravel pit/pullout at 15 mile. It is bounded by a previous sale on the west side. The sale is on moderately sloping ground of 5-35% slope. Tree size is mostly poletimber and small sawtimber. The volume for this sale has been estimated and is based on past salvage timber sales sold along the Pogo and Pinwell Lake Roads. There are two portions of secondary all season forest road passing through the lower half of the sale and two skid trails/fire breaks running through the middle. These may be used and improved with approval by the forester-in-charge. The road and skid trail/fire brake have had water bars installed for erosion control. The Purchaser will be required to reinstall these bars upon completion of seasonal activities. Bonding for the sale is **\$1,000.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge.



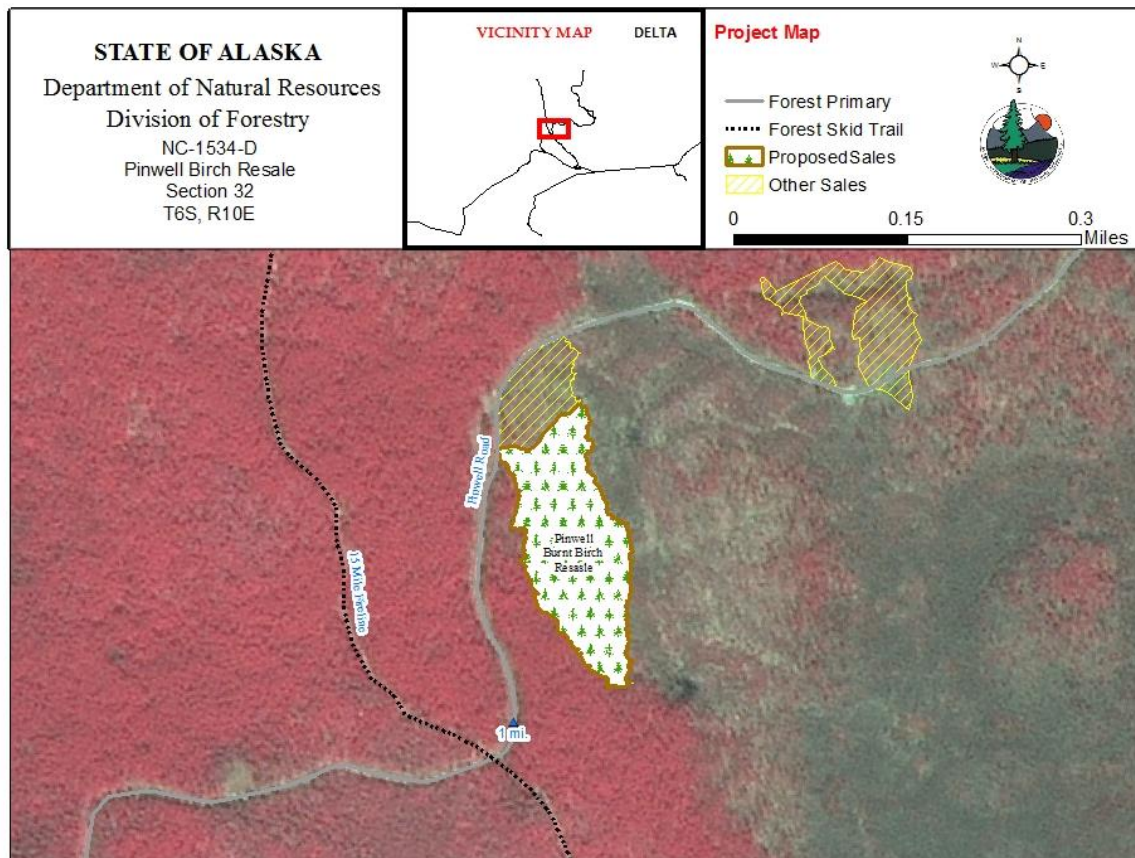
NC-1534-D PINWELL BIRCH RESALE

NC-1534-D, Pinwell Birch Resale: a 10 acre sale of burned timber that contains one unit; is located approximately 21 miles northwest of Delta Junction and north of mile 13.5 of the Pogo Road at 1.5 mile Pinwell Lake Road. The sale is designated on the ground within Section 32, Township 6 South Range 10 East, Fairbanks Meridian, Alaska.



SPECIES & PRODUCT	ESTIMATED NET VOLUME	UNIT PRICE	APPRAISED PRICE	EXPIRATION DATE
Birch Fuelwood	131 Cords	\$5.75/cord	\$753.25	May 31, 2018
Spruce Fuelwood	12 Cords	\$20.00/cord	\$240.00	
		Total:	993.25	

NC-1534-D Access to the sale area is by an existing secondary all season road. The unit lies along the Pinwell Lake Road roughly 1.5 miles from its junction with the Pogo Road. It is just down the road and on the other side of the road from NC-1473-D. The sale is on moderately sloping ground of 5-25% slope. Tree size is mostly birch poletimber. The volume for this sale has been estimated and is based on past salvage timber sales sold along the Pinwell Lake Road. The Pinwell Lake Road contains active timber sales and water bars have been installed on the road. The Purchaser will be required to reinstall these bars upon completion of seasonal activities. Bonding for the sale is **\$500.00**, or 10% of the final bid price whichever is greater, to be returned upon successful completion of the sale to the satisfaction of the Forester-in-Charge.



GENERAL SALE INFORMATION

METHOD OF CRUISING:

All sales were cruised or estimated by Division of Forestry personnel, by either a variable radius plot method with a 10 BAF or a 20 BAF, or using the percent method. White spruce sawlog volumes were calculated to a 6 inch top using volume tables created by Malone, T., et al.(2013). Western Journal of Applied Forestry 28(2): 71-77. The hardwood fuelwood volumes were calculated using Gregory, R.A. and P.M. Haack. (1964). Equations and Tables for Estimating Cubic-Food Volume of Interior Alaska Tree Species. U.S. Forest Service. Research Note NOR-6. 21 p.

Cruise summaries are available upon request. The State neither expressly nor implicitly warrants its estimate of quantity or quality, or marketability of the timber sold. Prospective bidders should make their own estimates of timber volume and quality. The State neither expressly nor implicitly warrants its improvements estimates. Estimates are used only to establish minimum bid. Each PURCHASER is required to estimate his own costs and bid accordingly.

Defect was estimated based on visible indicators, and experienced averages in the area.

PRIMARY MANUFACTURE:

Primary manufacture of the timber in Alaska is NOT required.

METHOD OF PAYMENT:

These are "lump-sum" sales. The PURCHASER shall pay the full contract price for the sales, or any payment unit of the sales, before any timber may be cut or removed from the sales. Stumpage payments are non-refundable.

AUTHORITY:

The cutting and removal of timber shall be carried out under the authority of the Alaska Statutes, Title 38, Public Lands, Chapter 05, Alaska Land Act, Article 4, entitled "Disposal of Timber and Materials," and Title 11, Alaska Administrative Code, Chapter 71, Articles 1-5 inclusive, referred to as the "Timber and Material Sales" Regulations.

SALE PROCEDURES-BID DEPOSIT REQUIREMENTS:

All timber sales will be sold by oral outcry auction. Bids will only be accepted for one sale at a time, starting with the lowest NC number. The auction will be on December 8, 2015 at the Delta Area Office, MP 267.5 Richardson Hwy, Delta Junction, Alaska, and will start promptly at 10:00 am.

To qualify for bidding all bidders must submit:

(1) a deposit of cash, certified check, money order, cashiers check or any combination of these in favor of the State of Alaska, Department of Revenue, equal to ten percent (10%) of the total appraised price. This deposit will constitute an opening bid at the appraised price. The PURCHASER may apply the bid deposit to the timber sale bond. If the high bidder fails to execute the contract within the allotted 30 days the bid deposit will revert to the State. There will be a short break between each timber sale to accept bid deposits for the next upcoming sale. **BID DEPOSITS WILL NOT BE ACCEPTED FOR MORE THAN ONE SALE AT A TIME.**

(2) Each bidder must submit to the selling agent a copy of a current, valid Alaska Business License in the name of the bidder, or-

(3) If bidding as an agent for an individual, a partnership, corporation, or other legally established firm, the agent must present a power-of-attorney or other notarized authorization creating such agency to the selling agent. An agent may represent only one principal during each auction and may not also participate in his own behalf.

(4) The apparent successful bidder may be required to furnish a sworn financial statement showing ability to fulfill the terms of the contract.

(5) All of the successful bidder's deposits will be credited to the total amount due to the State for stumpage or bonds.

The deposits furnished by the unsuccessful bidders shall be returned to the unsuccessful bidders. The deposits furnished by the high bidder whose bid was declared acceptable shall be retained as liquidated damages if the high bidder does not execute the contracts and furnish satisfactory bonds within thirty (30) days of receipt of the contract for execution.

If no bid is received at the auction, the sales may, at the discretion of the director, be available over the counter.

RESERVATIONS:

The State reserves the right to waive technical defects in this prospectus and reject any and all high bids. The State reserves the right to award the timber for the amount of the next high bid to the next high bidder if the director considers the highest bidder unqualified to fulfill the requirements of the contract or if the contract is not executed by the highest bidder. The State also reserves the right to waive any informality in the bids received whenever the waiver is in the best interest of the State.

GENERAL:

Further information, including copies of this prospectus, bid forms, sample contracts, copies of sale appraisal, etc. may be obtained from the Delta Area Office, MP 267.5 Richardson Hwy, Delta Junction, Alaska or the Fairbanks Area Office, Division of Forestry, 3700 Airport Way, Fairbanks, Alaska 99709-4613, or contact Paul Keech at 907-451-2606.